

Patent Abstracts of Japan

PUBLICATION NUMBER : 08318836
 PUBLICATION DATE : 03-12-96

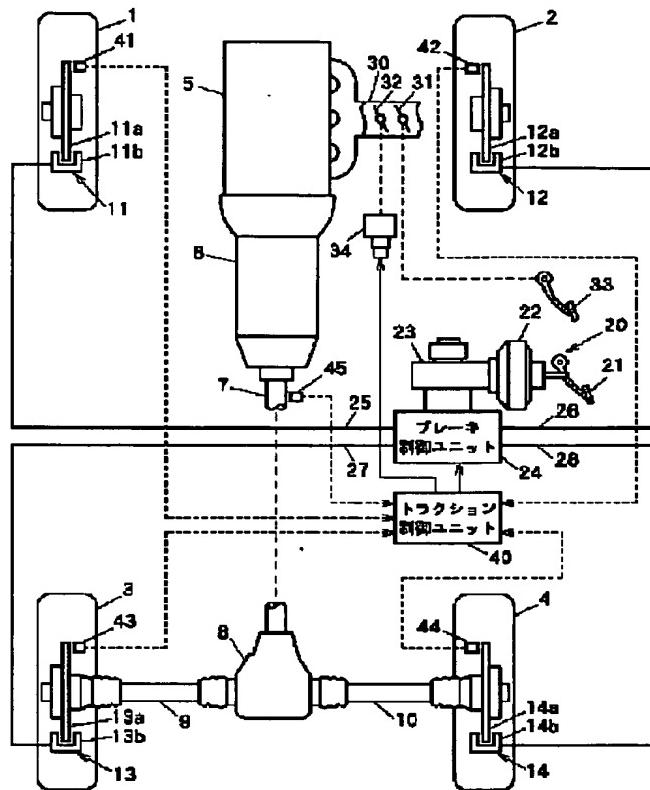
APPLICATION DATE : 26-05-95
 APPLICATION NUMBER : 07152365

APPLICANT : MAZDA MOTOR CORP;

INVENTOR : TATEHATA TETSUYA;

INT.CL. : B60T 8/00 B60K 41/20 B60T 8/58
 F02D 29/02 G01P 3/42

TITLE : CONTROL DEVICE FOR VEHICLE



ABSTRACT : PURPOSE: To accurately judge the failure of a wheel speed detecting means by providing a failure judging means which judges the failure of the wheel speed detecting means on the basis of vehicle speeds by a vehicle speed detecting means based on the output rotating speed of a transmission, and of the rotating speeds of driving wheels by the wheel speed detecting means.

CONSTITUTION: In a vehicle where the output rotation of a transmission 6 is so constituted as to be transmitted to a right and a left drive wheel 3 and 4. Wheel speed sensors 43 and 44 detecting the rotation speeds of the drive wheels 3 and 4 for traction control are provided, it is judged whether or not the wheel speed sensors 43 and 44 fail by comparing the output value of a vehicle speed sensor 45 detecting vehicle speed based on the output rotational speed of the transmission 6 with the output value of each wheel speed sensor 43 and 44. In this case, since the value of a failure counter is not increased until the absolute value of the difference between the average value of the rotation speeds of the drive wheels 3 and 4 and the output rotation value of the transmission 6 becomes equal to or more than a specified value, it can be avoided that the vehicle speed sensors 43 and 44 are uselessly judged abnormal because of the scattering in output characteristics of the respective sensors 43, 44 and 45.

COPYRIGHT: (C)1996,JPO